ABSTRACT

When the printer is off-line and receives a large volume of data, the receive buffer is not filled and the communication interface with the host computer does not enter a busy state. A receive buffer temporarily stores data, including control commands, from the host computer, and the printer operates according to the sequentially interpreted content of data stored to the receive buffer. By detecting whether the printer is on-line or off-line, data in the receive buffer is cleared when the printer goes off-line and data received from the host while the printer is off-line is destroyed without being buffered.